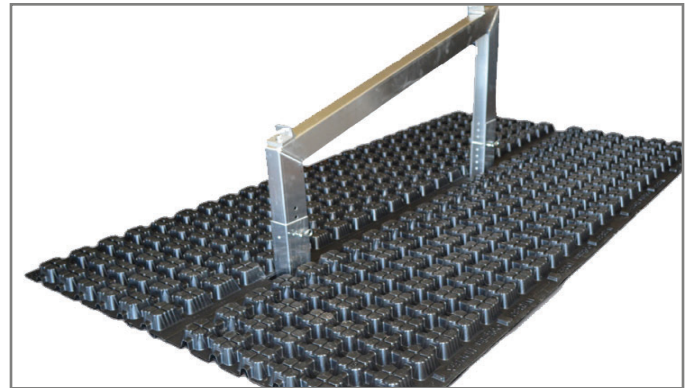


## BLU-SOLAR INTEGRATED MOUNTING SYSTEM WITH RETENTION

Our Solar Integrated Mounting System consists of a drainage board, base plate, mounting frame, mounting rails, wind bracing, and clamps for securing solar modules angled at 10°, 15°, or 20° within vegetated roof systems without penetrating the waterproofing membrane. Specific to this product, it:

- is a lightweight, sub-surface **multifunctional drainage module** used with extensive greenroofs with sedum, herb, grass, and perennial vegetation
- has **90% internal void volume** that allows for a large water retention capacity
- **increases output** and prolongs the life of the photovoltaic system, when in conjunction with a vegetated roof system
- is available in inclines of **10°, 15°, or 20°**



Solar WRB Mounting Frame by

**OPTIGRÜN**<sup>®</sup>  
ROOF GREENING



LEED Credits available for:  
• Materials & Resources (MR)



• Special order product



• Individual Unit  
• Full Pallet  
• Full Load



• According to size of order

### TECHNICAL DATA

**Materials:**

- Recycled HDPE (Board) & Aluminum (Frame)

**Board Thickness:**

- 3.15"

**Board Dimensions (W x L):**

- 1' 9 21/32" x 6' 5 21/64"

**Board Area:**

- 11.63 ft<sup>2</sup>

**Board & Mounting Frame Weight:**

- 9.70 lbs.

**Board Compressive Strength:**

- 14.5 lbs. / in<sup>2</sup>

**Water Holding Capacity:**

- 2.84 in<sup>3</sup> / in<sup>2</sup> (1.77 gal / ft<sup>2</sup>)

**Vegetated Roofing Use:**

- Provides a non-penetrating solution for supporting PV modules and stormwater discharge delay

**Installation Requirements:**

- Set base plates on protective fleece and place drainage boards above
- Roll out filter fleece over drainage boards
- Fasten aluminum rails to mounting frame
- Cover boards with overburden immediately to protect from UV rays & wind uplift